

From: [Eric Blischke](#)
To: rjw@nwnatural.com
Subject: Lamprey
Date: 07/01/2008 08:42 AM

Bob, to follow up on our discussion, here are the three points:

- 1) The evaluation should consider effects on survival growth and reproduction. EPA believes that even if lamprey are not reproducing within the Portland Harbor site, they still may suffer reproductive effects due to site exposures. In addition, EPA believes that reproduction may serve as a surrogate for other effects related to survival and growth.
- 2) The evaluation of the relative sensitivity may be performed as part of the uncertainty section of the BERA. However, the goal of this evaluation should not be "to argue that a higher SSD percentile is protective of ammocoetes at the organism level." Rather the evaluation should be an unbiased assessment of the relative sensitivity of lamprey ammocoetes.
- 3) EPA agrees that the results of the upstream ammocoetes may be used, in conjunction other information (e.g., chemistry and surface water data), to evaluate the contribution of background levels of contamination to the observed ammocoete tissue levels.

We will issue a letter to this effect with a one day extension for initiating dispute. Please let me know if this course of action is acceptable.

Thanks, Eric